

**Al Moattasem International School**

**Jubail**

**Level 9 – Revision Work Sheet 2 –Answer Key**

**Chapter 8**

**Topic – Vectors on a grid**

**Solutions for the Vectors on a grid**

1)  $\vec{DC} = 2\mathbf{e}-\mathbf{f}$

2)  $\vec{NB} = -3\mathbf{b}$

3) Vector =  $\vec{PA}$

4) a)  $\vec{UV} = \mathbf{g}$

b)  $\vec{KU} = 2\mathbf{h}$

c)  $\vec{TD} = -\mathbf{g}-3\mathbf{h}$

d)  $\vec{YG} = -3\mathbf{g}-3\mathbf{h}$

5) a)  $\vec{WV} = -\mathbf{g}$

b)  $\vec{AU} = 4\mathbf{h}$

$$\text{c) } \vec{VS} = 2\mathbf{g} - \mathbf{h}$$

$$\text{d) } \vec{XQ} = -2\mathbf{g} - \mathbf{h}$$